

RD 173017

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WPI Acc No: 1978-H5818A/ 197839

High speed ink jet printing device - introduces clean air into jet
chamber using either sealed chamber or filters

Patent Assignee: HEAD D L (HEAD-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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Priority Applications (No Type Date): RD 78173017 A 19780820

Abstract (Basic): RD 173017 A

In applying ink jet printing devices on high speed paper moving
equipment it is necessary to prevent the associated paper dust and dirt
from entering into the ink jet chamber which could cause failure in
some of the deflection elements.

Two methods are suggested: introducing clean air into an otherwise
sealed chamber, or allowing surrounding air to be pulled into the
chamber via filters, allowing sufficient flow to match the demand so
that turbulent conditions are avoided.

Derwent Class: P75

International Patent Class (Additional): B41J-000/01